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CLAIMS

Please amend the claims as follows:

1. (Currently Amended) An apparatus for providing configurable functionality to a communication device, comprising:
 - a memory for storing a plurality of software modules, each of said plurality of software modules for providing a specific functionality for said communication device;
 - a host processor for receiving a command to set up a communication, said command comprising information relating to a ~~the~~ type of communication desired, ~~and~~ for selecting at least one of said plurality of software modules based on the type of communication desired, and for loading said at least one of said plurality of software modules into a digital signal processor; and
 - said digital signal processor for storing said at least one of said plurality of software modules and for executing said at least one of said plurality of software modules to provide said desired communication type.
2. (Original) The apparatus of claim 1, wherein said software modules are selected from the group consisting of a first multi-media module, a second multi-media module, a first cipher algorithm, a second cipher algorithm, a first vocoder, a second vocoder, a first audio front-end module, a second front-end module, a first DSP interface, and a second DSP interface.
3. (Original) apparatus of claim 1, wherein one of said plurality of software modules comprises a first vocoder module and a second one of said plurality of software modules comprises a second vocoder module.
4. (New) A method for providing configurable functionality to a communication device, comprising:
 - storing a plurality of software modules, each of said plurality of software modules for providing a specific functionality for said communication device;

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receiving a command to set up a communication, said command comprising information relating to a desired type of communication;
selecting at least one of said plurality of software modules based on the desired type of communication;
loading said at least one of said plurality of software modules into a digital signal processor; and
executing said at least one of said plurality of software modules to provide said desired communication type.

5. (New) The method of claim 4, wherein said software modules are selected from the group consisting of a first multi-media module, a second multi-media module, a first cipher algorithm, a second cipher algorithm, a first vocoder, a second vocoder, a first audio front-end module, a second audio front-end module, a first DSP interface, and a second DSP interface.

6. (New) An apparatus for providing configurable functionality to a communication device, comprising:

means for storing a plurality of software modules, each of said plurality of software modules for providing a specific functionality for said communication device;
means for receiving a command to set up a communication, said command comprising information relating to a desired type of communication;
means for selecting at least one of said plurality of software modules based on the desired type of communication;
means for loading said at least one of said plurality of software modules into a digital signal processor; and
means for executing said at least one of said plurality of software modules to provide said desired communication type.

7. (New) The apparatus of claim 6, wherein said software modules are selected from the group consisting of a first multi-media module, a second multi-media module, a first cipher

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algorithm, a second cipher algorithm, a first vocoder, a second vocoder, a first audio front-end module, a second audio front-end module, a first DSP interface, and a second DSP interface.

8. (New) An apparatus for providing configurable functionality to a communication device, comprising:

a memory for storing a plurality of software modules, each of said plurality of software modules for providing a specific functionality for said communication device;

a host processor for receiving a command to set up a communication, said command comprising information relating to a desired type of communication, for selecting at least one of said plurality of software modules based on the desired type of communication, and for loading said at least one of said plurality of software modules into a digital signal processor, said desired type of communication being one of a multimedia communication; and

said digital signal processor for storing said at least one of said plurality of software modules and for executing said at least one of said plurality of software modules to provide said desired communication type.

9. (New) A method for providing configurable functionality to a communication device, comprising:

storing a plurality of software modules, each of said plurality of software modules for providing a specific functionality for said communication device;

receiving a command to set up a communication, said command comprising information relating to a desired type of communication;

selecting at least one of said plurality of software modules based on the desired type of communication;

loading said at least one of said plurality of software modules into a digital signal processor, said desired type of communication being one of a multimedia communication; and

executing said at least one of said plurality of software modules to provide said desired communication type.

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10. (New) An apparatus for providing configurable functionality to a communication device, comprising:

means for storing a plurality of software modules, each of said plurality of software modules for providing a specific functionality for said communication device;

means for receiving a command to set up a communication, said command comprising information relating to a desired type of communication;

means for selecting at least one of said plurality of software modules based on the desired type of communication;

means for loading said at least one of said plurality of software modules into a digital signal processor, said desired type of communication being one of a multimedia communication; and

means for executing said at least one of said plurality of software modules to provide said desired communication type.

11. (New) An apparatus for providing configurable functionality to a communication device, comprising:

a memory for storing a plurality of software modules, each of said plurality of software modules for providing a specific functionality for said communication device;

a host processor for receiving a command to set up a communication, said command comprising information relating to a desired type of communication, for selecting at least one of said plurality of software modules based on the desired type of communication, and for loading said at least one of said plurality of software modules into a digital signal processor, said desired type of communication being one of a clear communication and a secure communication; and

said digital signal processor for storing said at least one of said plurality of software modules and for executing said at least one of said plurality of software modules to provide said desired communication type.

12. (New) A method for providing configurable functionality to a communication device, comprising:

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storing a plurality of software modules, each of said plurality of software modules for providing a specific functionality for said communication device;

receiving a command to set up a communication, said command comprising information relating to a desired type of communication;

selecting at least one of said plurality of software modules based on the desired type of communication;

loading said at least one of said plurality of software modules into a digital signal processor, said desired type of communication being one of a clear communication and a secure communication; and

executing said at least one of said plurality of software modules to provide said desired communication type.

13. (New) An apparatus for providing configurable functionality to a communication device, comprising:

means for storing a plurality of software modules, each of said plurality of software modules for providing a specific functionality for said communication device;

means for receiving a command to set up a communication, said command comprising information relating to a desired type of communication;

means for selecting at least one of said plurality of software modules based on the desired type of communication;

means for loading said at least one of said plurality of software modules into a digital signal processor, said desired type of communication being one of a clear communication and a secure communication; and

means for executing said at least one of said plurality of software modules to provide said desired communication type.